

Converting Colors

Decimal(6717)

Have a look what the booklet for
Decimal(6717) contains.

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Color

Decimal(6717)

Conversions

Conversions Part 1

Format	Color
Hex	001A3D
RGB	0, 26, 61
RGB Percent	0%, 10%, 24%
CMY	1.0000, 0.8980, 0.7608
CMYK	1.00, 0.57, 0.00, 0.76
HSL	214°, 100%, 12%
HSV	214°, 100%, 24%
XYZ	1.2117, 1.0757, 4.5586
YIQ	22.2160, -26.7310, 5.3730

Conversions

Conversions Part 2

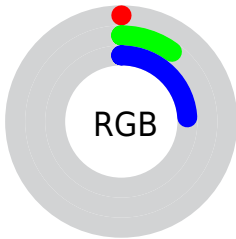
Format	Color
RYB	0, 18, 61
Decimal	6717
CIELab	9.61, 6.43, -25.30
CIELCh	10, 26.102, 284.259
Yxy	1.0757, 0.1770, 0.1571
Android (android.graphics.Color)	4278196797 (0xFF001A3D)
YUV	22.2160, 19.1205, -19.4834
Hunter-Lab	10.3716, 2.7034, -18.7996

Details

The Decimal color **6717** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4006656**, and the grayscale version is **1447446**.

A 20% lighter version of the original color is **3556717**, and **273** is the 20% darker color. If you saturate the color by 10%, you get **6717**, and if you desaturate by 10%, it is **400957**.

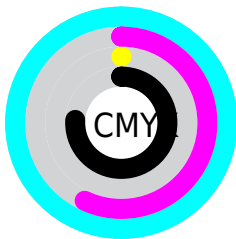
Distribution



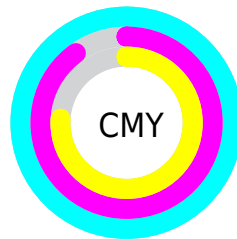
- Red (0%)
- Green (10%)
- Blue (24%)



- Red (0%)
- Yellow (7%)
- Blue (24%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6717 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 6717 by changing the saturation by 10% instead.

■ 6717 ■ 6717

■ 15858943 ■ 39

■ 3556717 ■ 273

■ 5201030 ■ 0

■ 6845601

■ 8556220

■ 10332376

■ 12109044

■ 13950975

■ 6717

■ 400957

■ 794941

■ 1189181

■ 1583165

■ 2042941

■ 2436925

■ 2831165

■ 3225149

■ 3619389

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7997



6717



2495028

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6717



3542528



8976

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6717



4006656

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



401408



6717



2758144

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6717



3737363



1776640



8995

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6717



3214122



1776640



8710

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6717



3621199



15651



1712169



11053224



2697513

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6717



8783



262205



1842463



10334



24542

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3997722



5177378



3751168



2038813



6160424



14549087

Previews

White Background



This preview shows how the Decimal color 6717 looks on a white background.

Color Contrast Check

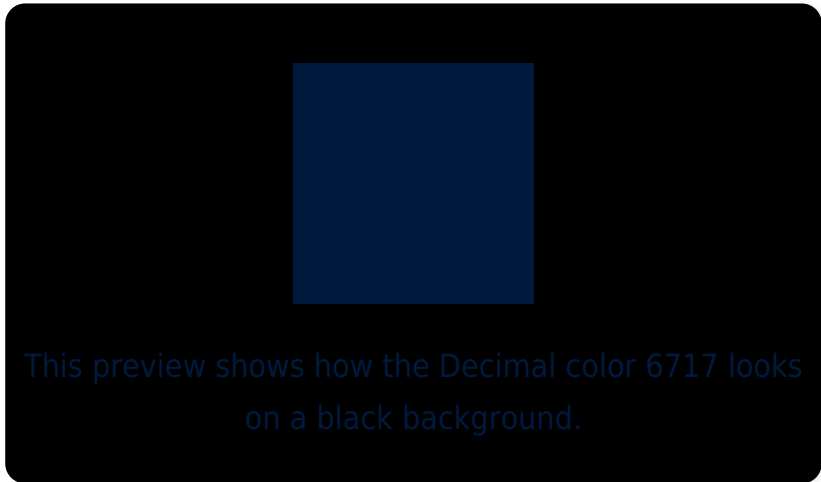
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

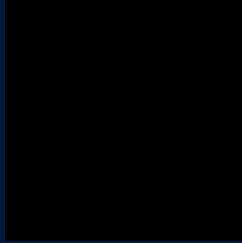
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6717 Background



This preview shows how black text looks on a background with the Decimal color 6717.



This preview shows how white text looks on a background with the Decimal color 6717.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
6717

Protanopia
6969

Deuteranopia
7473

Trichromacy



Original Color

6717

Protanomaly

6970

Deuteranomaly

7221

Tritanomaly

7467

Monochromacy



Original Color

6717

Achromatopsia

1447446

Achromatomaly

923428

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6717 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #001A3D looks like.

```
.text, #text, p{  
    color:#001A3D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #001A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001A3D
}
```

Border

The CSS property to change the border of an element to Decimal 6717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001A3D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#001A3D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #001A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001A3D; -webkit-box-shadow:4px 4px  
4px 4px #001A3D; box-shadow:4px 4px 4px  
4px #001A3D }
```

Background

The CSS property to change the background color of an element to Decimal 6717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001A3D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#001A3D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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